



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	10/634,225
Filing Date	August 5, 2003
First Named Inventor	Joseph Armand Picard, et al.
Art Unit	1624
Examiner Name	Deepak R. Rao
Attorney Docket Number	PC 25300A

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,008,243	December 28, 1999	Bender, et al.	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 935 963 A2/A3	08/18/1999	McClure, et al.		
		EP 1 138 680 A1	10/04/2001	Noc		
		JP 57-142989	09/03/1982	Isoda, et al.		✓
		WO 00/09485 A1	02/24/2000	McClure, et al		
		WO 01/12611 A1	02/22/2001	Blagg		

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		WO 01/49700 A1	07/12/2001	Siddiqui, et al.		
		WO 01/63244 A1	08/30/2001	Chen, et al.		
		WO 02/34726 A2/A3	05/02/2002	Noc, et al.		
		WO 02/34753 A2/A3	05/02/2002	Bronk, et al.		

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete If Known</b>	
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Sheet	3	of	4	Attorney Docket Number	PC 25300A

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		BILLINGHURST, et al., Comparison of the Degradation of Type II Collagen and Proteoglycan in Nasal and Articular Cartilages Induced by Interleukin-1 and the Selective Inhibition of Type II Collagen Cleavage by Collagenase, Arthritis & Rheumatism, 2000; 43(3): 664-672		
		BILLINGHURST, et al., Enhanced Cleavage of Type II Collagen by Collagenases in Osteoarthritic Articular Cartilage, J. Clin Invest., 1997; 99(7): 1534-1545		
		CHEN, et al., Structure-Based Design of a Novel, Potent, and selective Inhibitor for MMP-13 Utilizing NMR Spectroscopy and Computer-Aided Molecular Design, J. Am. Chem. Soc., 2000; 122: 9648-9654		
		DAHLBERG, et al., Selective Enhancement of Collagenase-mediated Cleavage of Resident Type II Collagen in Cultured Osteoarthritic Cartilage and Arrest with a Synthetic Inhibitor that Spares Collagenase 1 (Matrix Metalloproteinase2), Arthritis & Rheumatism, 2000; 43(3): 673-682		
		HIROTA, et al., Novel Synthesis of Pyrido[3,4-d]pyrimidines, Pyrido[2,3-d]pyrimidines, and Quinazolines via Palladium-catalyzed Oxidative Coupling, Heterocycles, 1994; 37(1): 563-570		
		LOVEJOY, et al., Crystal structures of MMP-1 AND -13 reveal the structural basis for selectivity of collagenase inhibitors, Nature Structural Biology, 1999; 6(3): 217-221		
		MITCHELL, et al., Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metalloproteinase-13 from Human Osteoarthritic, Cartilage, J. Clin. Invest., 1996; 97: 761-768		
		MOY, et al., High-resolution Solution Structure of the Catalytic Fragment of Human Collagenase-3 (MMP-3) Complexed with a Hydroxamic Acid Inhibitor, J. Mol. Biol., 2000; 302: 671-689		
		NATCHUS, et al., Development of New Carboxylic Acid-Based MMP Inhibitors Derived from Functionalized Propargylglycines, J. Med. Chem., 2001; 44: 1060-1071		
		NEUHOLD, et al., Postnatal expression in hyaline cartilage of constitutively active human collagenase-3 (MMP-13) induces osteoarthritis in mice, J. Clin. Invest., 2001; 107(1): 35-44		

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Joseph Armand Picard, et al.

Art Unit

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Examiner Name

Deepak R. Rao

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		WAMHOFF, et al., An Efficient Synthesis of Thioisom Unchnones Derived from Uracils and Uridine: A Novel Type of Mesonionic Necleosides, Organic Letters, 2000; 2(5): 581-584	
		Office Action mailed June 16, 2003 in U.S.S.N. 10/264,764	
		Search Report from PCT/IB03/03522	
		Patent Abstracts of Japan vol. 006, no 244(C138)	

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